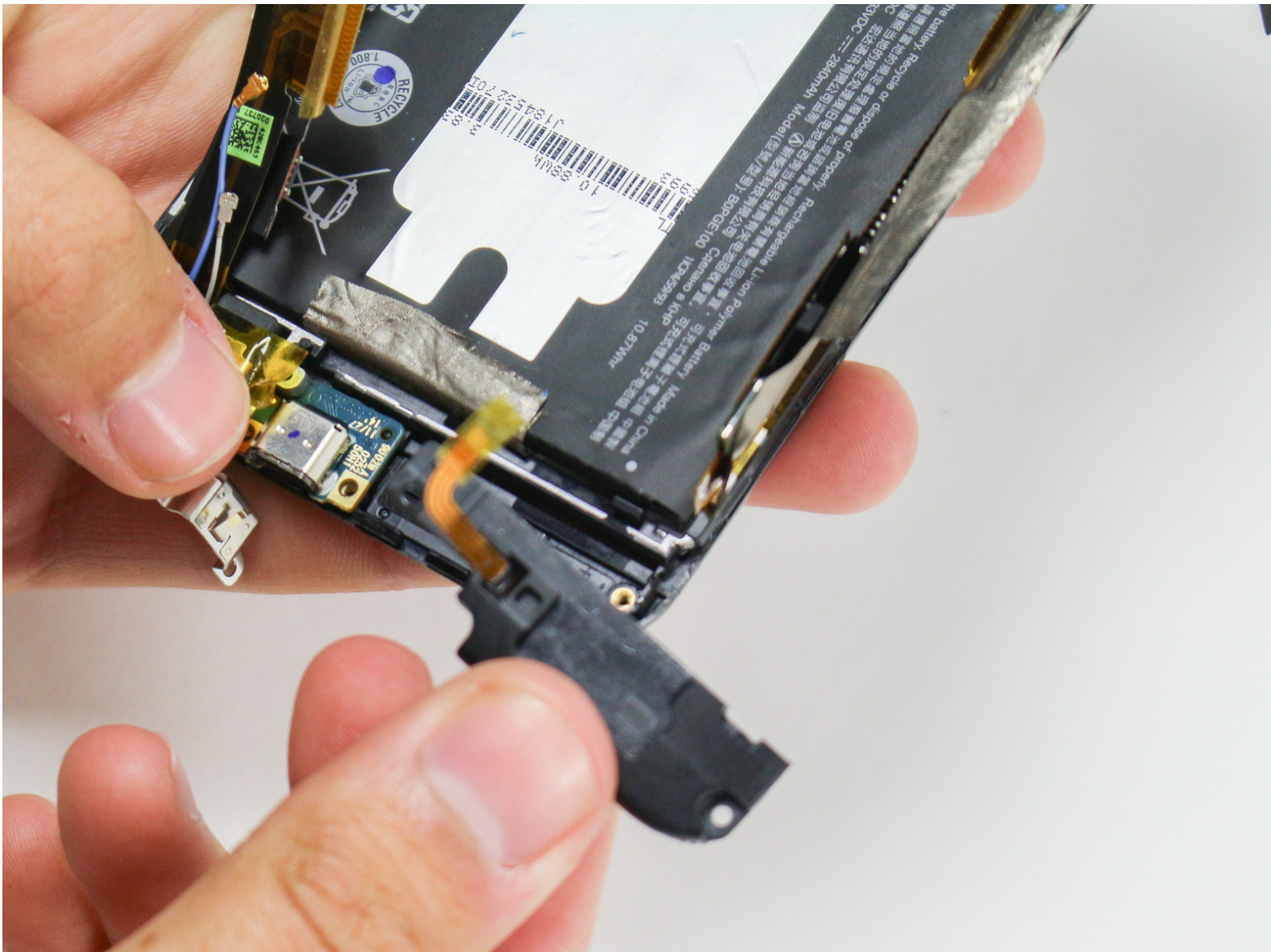




HTC One M9 Lower Speaker Replacement

Return sound to your life by replacing the broken lower speaker.

Written By: Jonathan Chianglin



INTRODUCTION

Use this guide to replace your HTC One M9's front speaker. This guide is essential if you want sound from your speakers back!



TOOLS:

- [iFixit Opening Tools](#) (1)
- [Phillips #00 Screwdriver](#) (1)
- [Spudger](#) (1)
- [Tweezers](#) (1)
- [T5 Torx Screwdriver](#) (1)
- [iFixit Opening Picks set of 6](#) (1)
- [SIM Card Eject Tool](#) (1)



PARTS:

- [HTC One \(M9\) Speaker Assembly](#) (1)

Step 1 — MicroSD Card



- Insert a SIM card eject tool or a paperclip into the small hole in the SIM card tray, located on the upper right hand side of the phone.
- Press to eject the tray.
 - ⓘ This may require a significant amount of force.
- ★ When reinserting the SIM card, ensure that it is in the proper orientation relative to the tray.

Step 2 — SIM Card



- Insert a SIM card eject tool or a paperclip into the small hole in the SIM card tray, located on the lower right hand side of the phone.
- Press to eject the tray.
 - ⓘ This may require a significant amount of force.
- ★ When reinserting the SIM card, ensure that it is in the proper orientation relative to the tray.

Step 3 — Rear Case



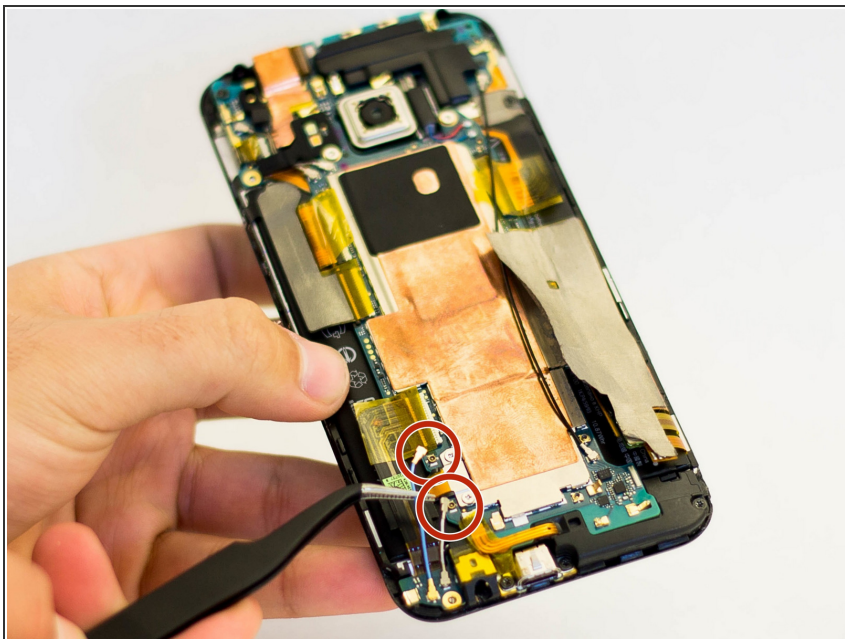
- Using a plastic opening pick or a spudger, gently pry and remove the top of the case.
- Remove the two 4mm T5 Torx screws on the top of the case.

Step 4



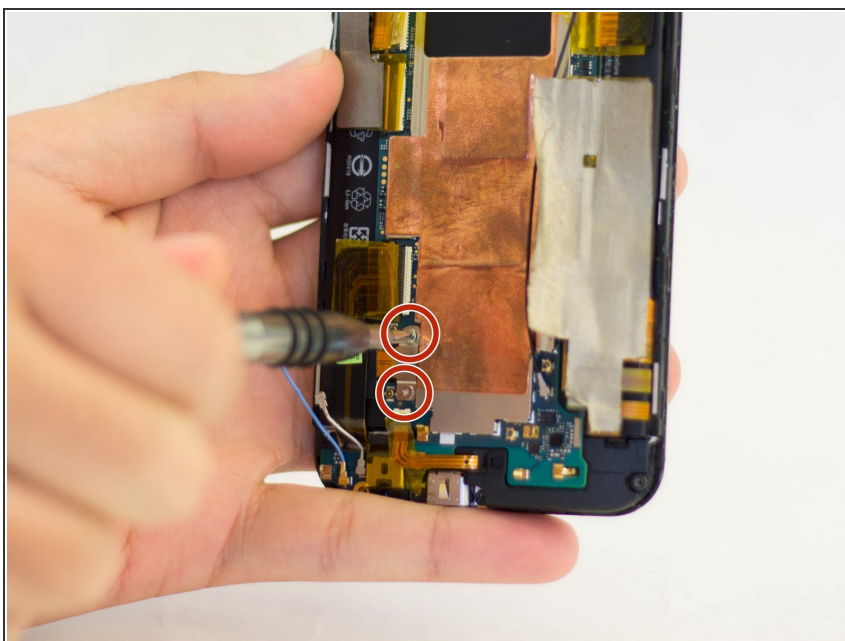
- Work a plastic opening pick around the perimeter of the device to separate the rear case from the display assembly.
- ⚠ Be careful around the power and volume buttons, as they are fairly delicate.
- ⚠ Be careful when separating the body from the display assembly, as the rear-facing camera may be stuck to the body with adhesive.

Step 5 — Motherboard



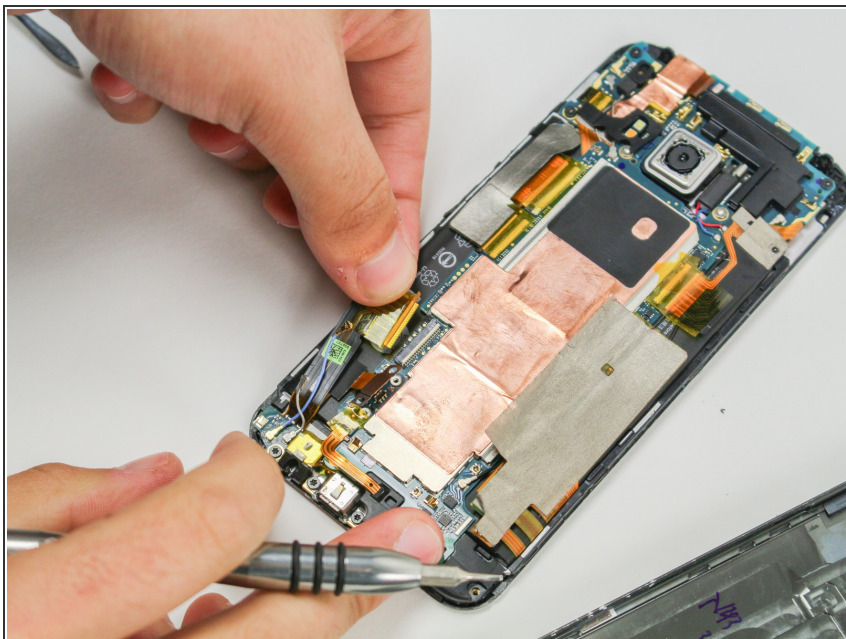
- Use a pair of tweezers to disconnect the blue and white antenna cables.

Step 6



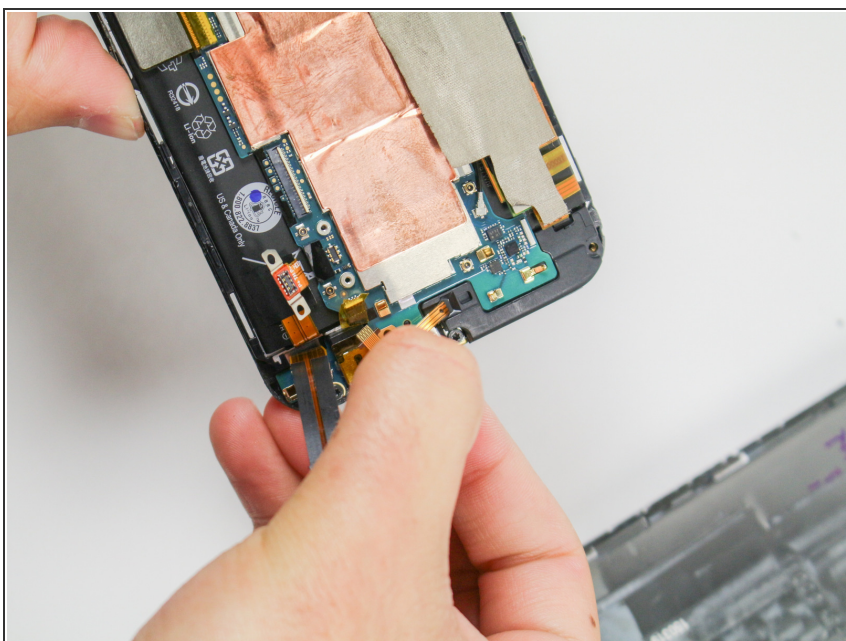
- Remove the two 1.5 mm Phillips screws securing the battery connector to the motherboard.

Step 7



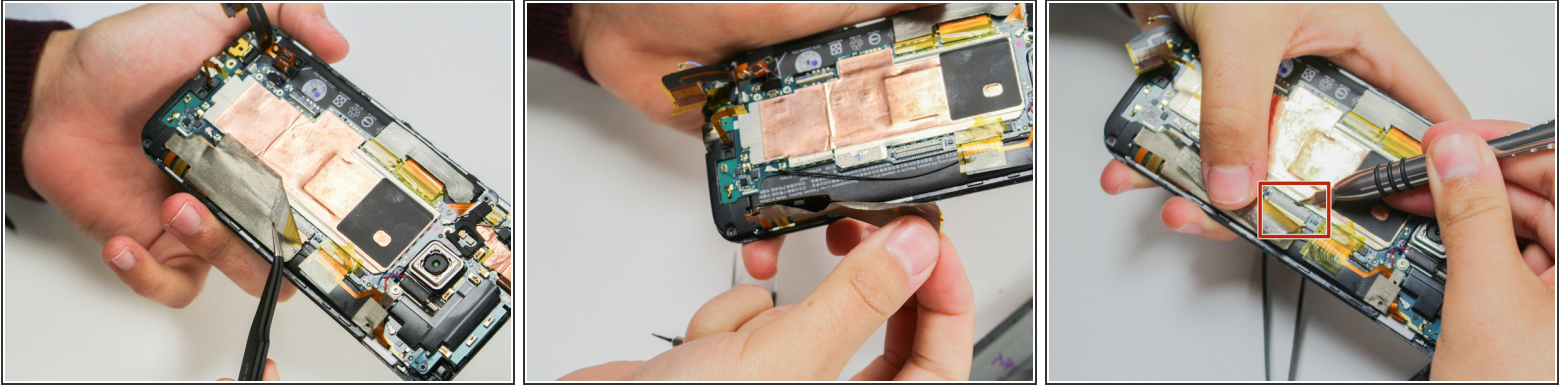
- Use your fingers or a spudger to disconnect the ZIF connector.

Step 8



- Use a spudger to disconnect the bottom speaker ZIF connector.

Step 9



- With the tweezers, carefully lift up on the tape covering the electrical strip shown in the picture.

⚠ Be careful with the tape, as it can tear easily.

- Use a spudger to disconnect the ZIF connector.

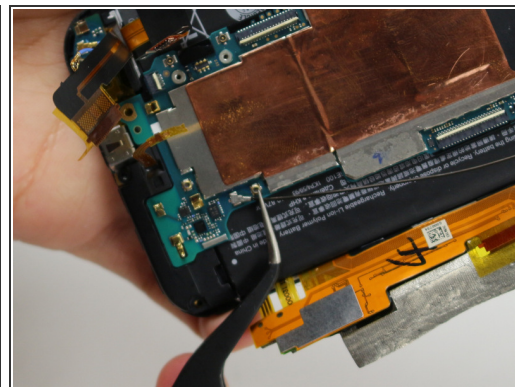
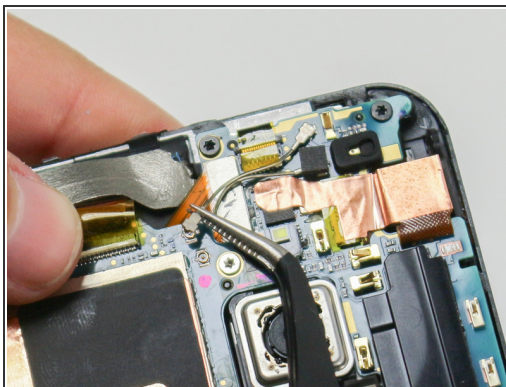
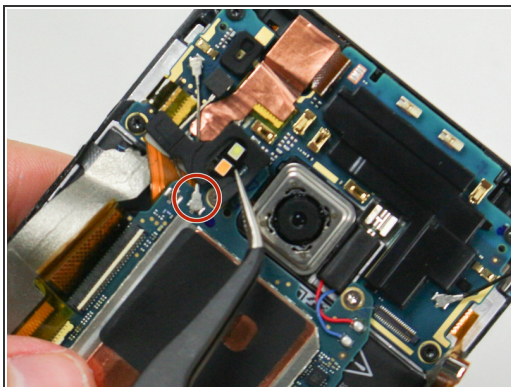
Step 10



- Disconnect the remaining three ZIF connectors.

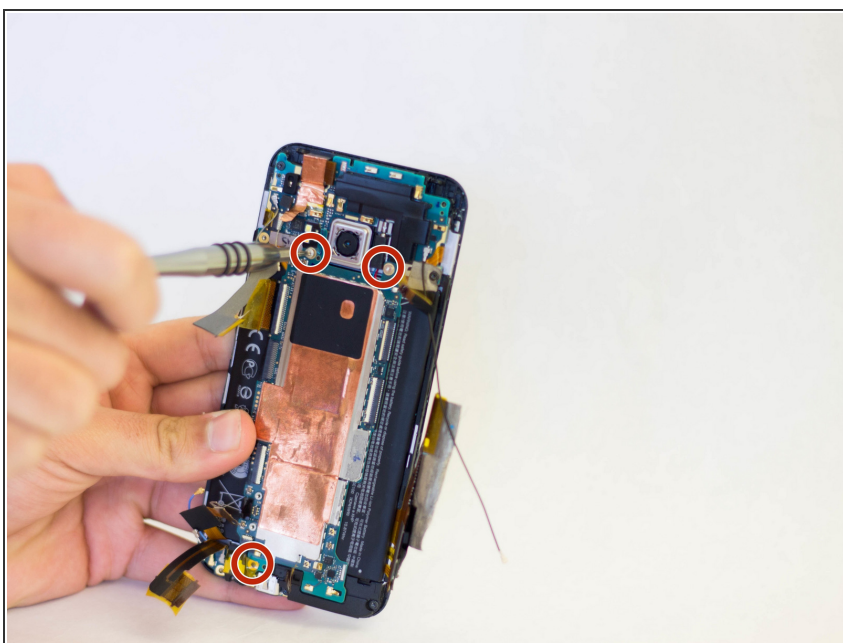
ⓘ The third ZIF connector is mostly underneath the motherboard. When reassembling your device, make sure it is placed back underneath.

Step 11



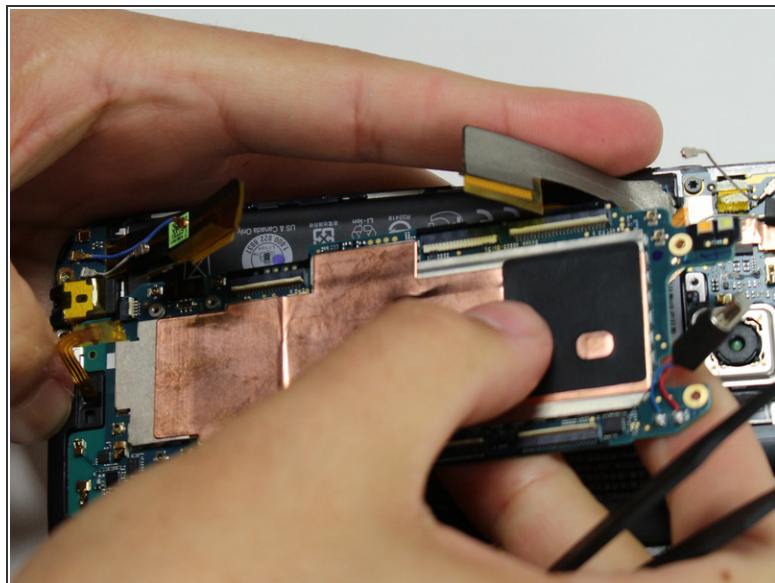
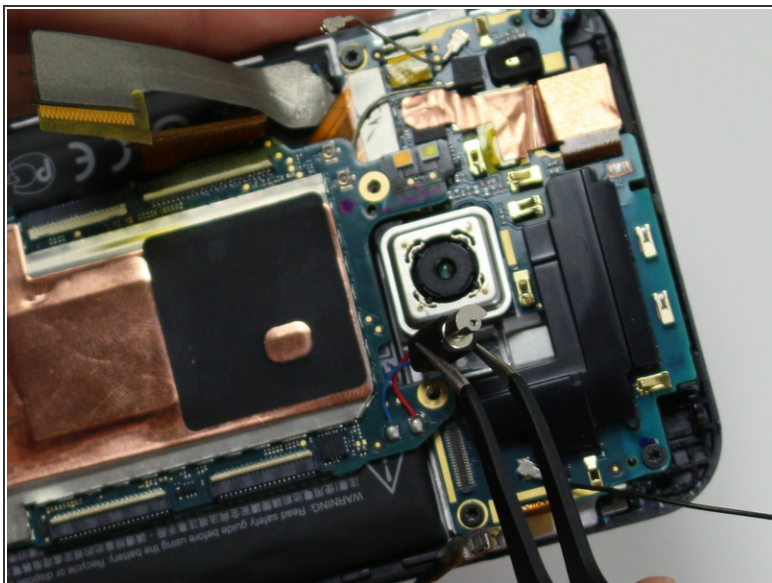
- Remove the dual LED flash cover.
- Use a pair of tweezers to disconnect the two antenna cables.

Step 12



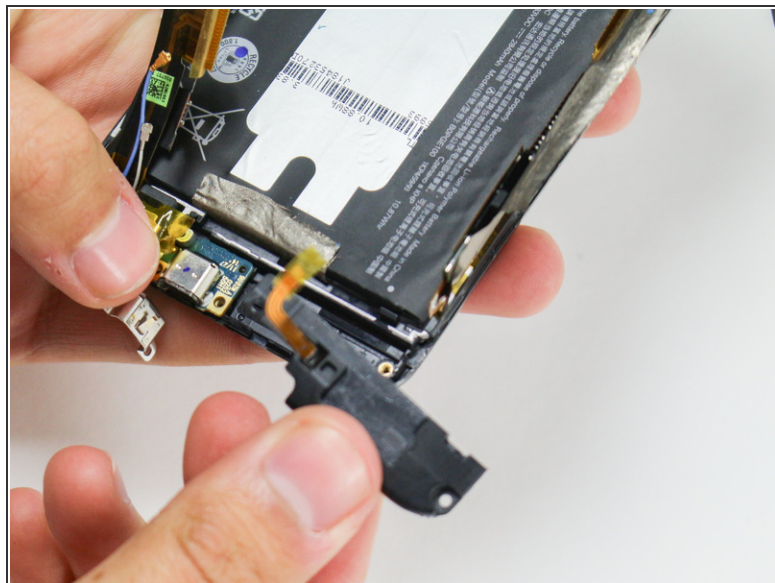
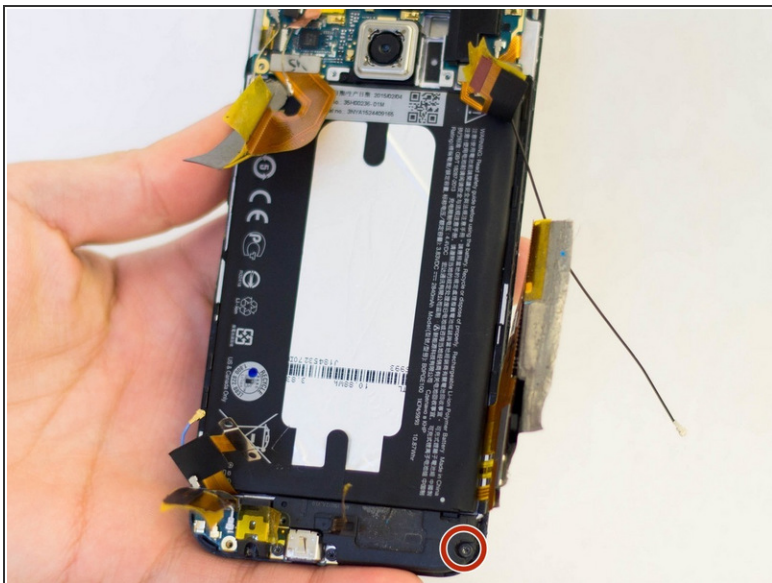
- Remove the three 4 mm T5 Torx screws securing the motherboard.

Step 13



- Use a pair of tweezers to gently lift the vibrator off of the motherboard.
- Use a plastic opening tool or your hands to pry the motherboard out of the case.
- ❗ The motherboard is secured with adhesive, so you may need to use an iOpener or heatgun to loosen the adhesive. Refer to the [iOpener guide](#) for info on this.

Step 14 — Lower Speaker



- Remove the 3 mm T5 screw that holds the front speaker in place.
 - ⓘ This screw was missing due to mishandling in an earlier deconstruction.
- Gently remove the speaker from the device.

To reassemble your device, follow these instructions in reverse order.

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